

PF-0695-2 CON

<110> Yue, Henry  
Tang, Y. Tom  
Lal, Preeti G.  
Reddy, Roopa  
Baughn, Mariah R.  
Yang, Junming  
Azimzai, Yalda

<120> FULL-LENGTH EXPRESSED GENETIC MARKERS

<130> PF-0695-2 CON

<140> To Be Assigned

<141> Herewith

<150> 09/311,894

<151> 1999-05-14

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<211> 349

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

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Leu	Lys	Arg	Lys	Ala	Ala	Ala	Glu	Glu	Leu	Gln	Glu	Ala	Ala	Gly
				20					25					30
Ala	Gly	Asp	Gly	Ala	Thr	Glu	Asn	Gly	Val	Gln	Pro	Pro	Lys	Ala
				35					40					45
Ala	Ala	Phe	Pro	Pro	Gly	Phe	Ser	Ile	Ser	Glu	Ile	Lys	Asn	Lys
				50					55					60
Gln	Arg	Arg	His	Leu	Met	Phe	Thr	Arg	Trp	Lys	Gln	Gln	Gln	Arg
				65					70					75
Lys	Glu	Lys	Leu	Ala	Ala	Lys	Lys	Lys	Leu	Lys	Lys	Glu	Arg	Glu
				80					85					90
Ala	Leu	Gly	Asp	Lys	Ala	Pro	Pro	Lys	Pro	Val	Pro	Lys	Thr	Ile
				95					100					105
Asp	Asn	Gln	Arg	Val	Tyr	Asp	Glu	Thr	Thr	Val	Asp	Pro	Asn	Asp
				110					115					120
Glu	Glu	Val	Ala	Tyr	Asp	Glu	Ala	Thr	Asp	Glu	Phe	Ala	Ser	Tyr
				125					130					135
Phe	Asn	Lys	Gln	Thr	Ser	Pro	Lys	Ile	Leu	Ile	Thr	Thr	Ser	Asp

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	140		145		150
Arg Pro His Gly	Arg Thr Val Arg Leu Cys Glu Gln Leu Ser Thr				
	155		160		165
Val Ile Pro Asn Ser His Val Tyr Tyr	Arg Arg Gly Leu Ala Leu				
	170		175		180
Lys Lys Ile Ile Pro Gln Cys Ile Ala	Arg Asp Phe Thr Asp Leu				
	185		190		195
Ile Val Ile Asn Glu Asp Arg Lys Thr	Pro Asn Gly Leu Ile Leu				
	200		205		210
Ser His Leu Pro Asn Gly Pro Thr Ala	His Phe Lys Met Ser Ser				
	215		220		225
Val Arg Leu Arg Lys Glu Ile Lys Arg	Arg Gly Lys Asp Pro Thr				
	230		235		240
Glu His Ile Pro Glu Ile Ile Leu Asn	Asn Phe Thr Thr Arg Leu				
	245		250		255
Gly His Ser Ile Gly Arg Met Phe Ala	Ser Leu Phe Pro His Asn				
	260		265		270
Pro Gln Phe Ile Gly Arg Gln Val Ala	Thr Phe His Asn Gln Arg				
	275		280		285
Asp Tyr Ile Phe Phe Arg Phe His Arg	Tyr Ile Phe Arg Ser Glu				
	290		295		300
Lys Lys Val Gly Ile Gln Glu Leu Gly	Pro Arg Phe Thr Leu Lys				
	305		310		315
Leu Arg Ser Leu Gln Lys Gly Thr Phe	Asp Ser Lys Tyr Gly Glu				
	320		325		330
Tyr Glu Trp Val His Lys Pro Arg Glu	Met Asp Thr Ser Arg Arg				
	335		340		345
Lys Phe His Leu					

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Met Gln Cys Leu Leu Pro Tyr Gln Ser Lys Glu Pro Ser Cys Leu	
1 5 10 15	
Pro Pro Leu Pro Leu Asn Leu Pro Leu Pro Pro Cys Leu Cys Pro	
20 25 30	
Leu Leu Gln Leu Asn Ala Ala Met Thr Arg Lys Glu Lys Thr Lys	
35 40 45	
Glu Gly Gln Arg Ala Ala Gln Phe Ser Ala Gly Ala Asp Ala Gly	
50 55 60	
Ser Gly Gly Gly Leu Ser Arg Gln Lys Asp Thr Lys Arg Pro Met	
65 70 75	
Leu Leu Val Ile His Asp Val Val Leu Glu Leu Leu Thr Ser Ser	
80 85 90	

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Asp	Cys	His	Ala	Asn	Pro	Arg	Lys	Tyr	Pro	Thr	Cys	Gln	Lys	Ser
				95					100					105
Glu	Val	Leu	Gly	Val	Ser	Ile	Tyr	Val	Ser	Ile	Cys	Pro	Ser	Thr
				110					115					120
Arg	Pro	Arg	Asp	Lys	Asn	Lys	Thr	Lys	Lys	Arg	Cys	Gln	Val	Leu
				125					130					135
Glu	Ala	Val	Leu	Val	Ser	Lys	Pro	Ser	Gly	Ser	Cys	His	Gln	Gly
				140					145					150
Ser	Phe	Glu	Ile	Val	Pro	His	Val	Lys	Gly	Asn	Leu	Ala	Phe	Thr
				155					160					165
Ser	Ser	Asn	His											

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Ser	Leu	Met	Ser	Pro	Asp	Gln	Leu	Arg	Asn	Lys	Phe	Pro	Trp	Ile
				20					25					30
Asn	Thr	Glu	Gly	Val	Ala	Leu	Ala	Ser	Tyr	Gly	Met	Glu	Asp	Glu
				35					40					45
Gly	Trp	Phe	Asp	Pro	Trp	Cys	Leu	Leu	Gln	Gly	Leu	Arg	Arg	Lys
				50					55					60
Val	Gln	Ser	Leu	Gly	Val	Leu	Phe	Cys	Gln	Gly	Glu	Val	Thr	Arg
				65					70					75
Phe	Val	Ser	Ser	Ser	Gln	Arg	Met	Leu	Thr	Thr	Asp	Asp	Lys	Ala
				80					85					90
Val	Val	Leu	Lys	Arg	Ile	His	Glu	Val	His	Val	Lys	Met	Asp	Arg
				95					100					105
Ser	Leu	Glu	Tyr	Gln	Pro	Val	Glu	Cys	Ala	Ile	Val	Ile	Asn	Ala
				110					115					120
Ala	Gly	Ala	Trp	Ser	Ala	Gln	Ile	Ala	Ala	Leu	Ala	Gly	Val	Gly
				125					130					135
Glu	Gly	Pro	Pro	Gly	Thr	Leu	Gln	Gly	Thr	Lys	Leu	Pro	Val	Glu
				140					145					150
Pro	Arg	Lys	Arg	Tyr	Val	Tyr	Val	Trp	His	Cys	Pro	Gln	Gly	Pro
				155					160					165
Gly	Leu	Glu	Thr	Pro	Leu	Val	Ala	Asp	Thr	Ser	Gly	Ala	Tyr	Phe
				170					175					180
Arg	Arg	Glu	Gly	Leu	Gly	Ser	Asn	Tyr	Leu	Gly	Gly	Arg	Ser	Pro
				185					190					195
Thr	Glu	Gln	Glu	Glu	Pro	Asp	Pro	Ala	Asn	Leu	Glu	Val	Asp	His
				200					205					210

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Asp	Phe	Phe	Gln	Asp	Lys	Val	Trp	Pro	His	Leu	Ala	Leu	Arg	Val	
				215					220					225	
Pro	Ala	Phe	Glu	Thr	Leu	Lys	Val	Gln	Ser	Ala	Trp	Ala	Gly	Tyr	
				230					235					240	
Tyr	Asp	Tyr	Asn	Thr	Phe	Asp	Gln	Asn	Gly	Val	Val	Gly	Pro	His	
				245					250					255	
Pro	Leu	Val	Val	Asn	Met	Tyr	Phe	Ala	Thr	Gly	Phe	Ser	Gly	His	
				260					265					270	
Gly	Leu	Gln	Gln	Ala	Pro	Gly	Ile	Gly	Arg	Ala	Val	Ala	Glu	Met	
				275					280					285	
Val	Leu	Lys	Gly	Arg	Phe	Gln	Thr	Ile	Asp	Leu	Ser	Pro	Phe	Leu	
				290					295					300	
Phe	Thr	Arg	Phe	Tyr	Leu	Gly	Glu	Lys	Ile	Gln	Glu	Asn	Asn	Ile	
				305					310					315	
Ile															

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Met	Lys	Ser	Val	Ile	Tyr	His	Ala	Leu	Ser	Gln	Lys	Glu	Ala	Asn	
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Asp	Ser	Asp	Val	Gln	Pro	Ser	Gly	Ala	Gln	Arg	Ala	Glu	Ala	Phe	
				20					25					30	
Val	Arg	Ala	Phe	Leu	Lys	Arg	Ser	Thr	Pro	Arg	Met	Ser	Pro	Gln	
				35					40					45	
Ala	Arg	Glu	Asp	Gln	Leu	Gln	Arg	Lys	Ala	Val	Val	Leu	Glu	Tyr	
				50					55					60	
Phe	Thr	Arg	His	Lys	Arg	Lys	Glu	Lys	Lys	Lys	Lys	Ala	Lys	Gly	
				65					70					75	
Leu	Ser	Ala	Arg	Gln	Arg	Arg	Glu	Leu	Arg	Leu	Phe	Asp	Ile	Lys	
				80					85					90	
Pro	Glu	Gln	Gln	Arg	Tyr	Ser	Leu	Phe	Leu	Pro	Leu	His	Glu	Leu	
				95					100					105	
Trp	Lys	Gln	Tyr	Ile	Arg	Asp	Leu	Cys	Ser	Gly	Leu	Lys	Pro	Asp	
				110					115					120	
Thr	Gln	Pro	Gln	Met	Ile	Gln	Ala	Lys	Leu	Leu	Lys	Ala	Asp	Leu	
				125					130					135	
His	Gly	Ala	Ile	Ile	Ser	Val	Thr	Lys	Ser	Lys	Cys	Pro	Ser	Tyr	
				140					145					150	
Val	Gly	Ile	Thr	Gly	Ile	Leu	Leu	Gln	Glu	Thr	Lys	His	Ile	Phe	
				155					160					165	
Lys	Ile	Ile	Thr	Lys	Glu	Asp	Arg	Leu	Lys	Val	Ile	Pro	Lys	Leu	
				170					175					180	
Asn	Cys	Val	Phe	Thr	Val	Glu	Thr	Asp	Gly	Phe	Ile	Ser	Tyr	Ile	

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	185		190		195
Tyr Gly Ser Lys	Phe Gln Leu Arg Ser	Ser Glu Arg Ser Ala	Lys		
	200		205		210
Lys Phe Lys Ala	Lys Gly Thr Ile Asp	Leu			
	215		220		

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Met Gly Ser Thr Glu Ser Ser Glu Gly Arg Arg Val Ser Phe Gly  
1 5 10 15  
Val Asp Glu Glu Glu Arg Val Arg Val Leu Gln Gly Val Arg Leu  
20 25 30  
Ser Glu Asn Val Val Asn Arg Met Lys Glu Pro Ser Ser Pro Pro  
35 40 45  
Pro Ala Pro Thr Ser Ser Thr Phe Gly Leu Gln Asp Gly Asn Leu  
50 55 60  
Arg Ala Pro His Lys Glu Ser Thr Leu Pro Arg Ser Gly Ser Ser  
65 70 75  
Gly Gly Gln Gln Pro Ser Gly Met Lys Glu Gly Val Lys Arg Tyr  
80 85 90  
Glu Gln Glu His Ala Ala Ile Gln Asp Lys Leu Phe Gln Val Ala  
95 100 105  
Lys Arg Glu Arg Glu Ala Ala Thr Lys His Ser Lys Ala Ser Leu  
110 115 120  
Pro Thr Gly Glu Gly Ser Ile Ser His Glu Glu Gln Lys Ser Val  
125 130 135  
Arg Leu Ala Arg Glu Leu Glu Ser Arg Glu Ala Glu Leu Arg Arg  
140 145 150  
Arg Asp Thr Phe Tyr Lys Glu Gln Leu Glu Arg Ile Glu Arg Lys  
155 160 165  
Asn Ala Glu Met Tyr Lys Leu Ser Ser Glu Gln Phe His Glu Ala  
170 175 180  
Ala Ser Lys Met Glu Ser Thr Ile Lys Pro Arg Arg Val Glu Pro  
185 190 195  
Val Cys Ser Gly Leu Gln Ala Gln Ile Leu His Cys Tyr Arg Asp  
200 205 210  
Arg Pro His Glu Val Leu Leu Cys Ser Asp Leu Val Lys Ala Tyr  
215 220 225  
Gln Arg Cys Val Ser Ala Ala His Lys Gly  
230 235

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20 25 30  
Leu Ala Thr Ser Leu Gly Ala Ser Glu Gln Ala Leu Arg Leu Ile  
35 40 45  
Ile Ser Ile Phe Leu Gly Tyr Pro Phe Ala Leu Phe Tyr Arg His  
50 55 60  
Tyr Leu Phe Tyr Lys Glu Thr Tyr Leu Ile His Leu Phe His Thr  
65 70 75  
Phe Thr Gly Leu Ser Ile Ala Tyr Phe Asn Phe Gly Asn Gln Leu  
80 85 90  
Tyr His Ser Leu Leu Cys Ile Val Leu Gln Phe Leu Ile Leu Arg  
95 100 105  
Leu Met Gly Arg Thr Ile Thr Ala Val Leu Thr Thr Phe Cys Phe  
110 115 120  
Gln Met Ala Tyr Leu Leu Ala Gly Tyr Tyr Thr Ala Thr Gly  
125 130 135  
Asn Tyr Asp Ile Lys Trp Thr Met Pro His Cys Val Leu Thr Leu  
140 145 150  
Lys Leu Ile Gly Leu Ala Val Asp Tyr Phe Asp Gly Gly Lys Asp  
155 160 165  
Gln Asn Ser Leu Ser Ser Glu Gln Gln Lys Tyr Ala Ile Arg Gly  
170 175 180  
Val Pro Ser Leu Leu Glu Val Ala Gly Phe Ser Tyr Phe Tyr Gly  
185 190 195  
Ala Phe Leu Val Gly Pro Gln Phe Ser Met Asn His Tyr Met Lys  
200 205 210  
Leu Val Gln Gly Glu Leu Ile Asp Ile Pro Gly Lys Ile Pro Asn  
215 220 225  
Ser Ile Ile Pro Ala Leu Lys Arg Leu Ser Leu Gly Leu Phe Tyr  
230 235 240  
Leu Val Gly Tyr Thr Leu Leu Ser Pro His Ile Thr Glu Asp Tyr  
245 250 255  
Leu Leu Thr Glu Asp Tyr Asp Asn His Pro Phe Trp Phe Arg Cys  
260 265 270  
Met Tyr Met Leu Ile Trp Gly Lys Phe Val Leu Tyr Lys Tyr Val  
275 280 285  
Thr Cys Trp Leu Val Thr Glu Gly Val Cys Ile Leu Thr Gly Leu  
290 295 300  
Gly Phe Asn Gly Phe Glu Glu Lys Gly Lys Ala Lys Trp Asp Ala  
305 310 315  
Cys Ala Asn Met Lys Val Trp Leu Phe Glu Thr Asn Pro Arg Phe  
320 325 330

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Thr Gly Thr Ile	Ala Ser Phe Asn Ile	Asn Thr Asn Ala Trp Val	
	335	340	345
Ala Arg Tyr Ile	Phe Lys Arg Leu Lys	Phe Leu Gly Asn Lys Glu	
	350	355	360
Leu Ser Gln Gly	Leu Ser Leu Leu Phe	Leu Ala Leu Trp His Gly	
	365	370	375
Leu His Ser Gly	Tyr Leu Val Cys Phe	Gln Met Glu Phe Leu Ile	
	380	385	390
Val Ile Val Glu	Arg Gln Ala Ala Arg	Leu Ile Gln Glu Ser Pro	
	395	400	405
Thr Leu Ser Lys	Leu Ala Ala Ile Thr	Val Leu Gln Pro Phe Tyr	
	410	415	420
Tyr Leu Val Gln	Gln Thr Ile His Trp	Leu Phe Met Gly Tyr Ser	
	425	430	435
Met Thr Ala Phe	Cys Leu Phe Thr Trp	Asp Lys Trp Leu Lys Val	
	440	445	450
Tyr Lys Ser Ile	Tyr Phe Leu Gly His	Ile Phe Phe Leu Ser Leu	
	455	460	465
Leu Phe Ile Leu	Pro Tyr Ile His Lys	Ala Met Val Pro Arg Lys	
	470	475	480
Glu Lys Leu Lys	Lys Met Glu		
	485		

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Ala Leu Leu Arg Lys Arg Arg Tyr His Ala Ala Leu Ala Val Leu	
20 25 30	
Lys Gly Phe Arg Asn Gly Ala Val Tyr Gly Ala Lys Ile Arg Ala	
35 40 45	
Pro His Ala Leu Val Met Thr Phe Leu Phe Arg Asn Gly Ser Leu	
50 55 60	
Gln Glu Lys Leu Trp Ala Ile Leu Gln Ala Thr Tyr Ile His Ser	
65 70 75	
Trp Asn Leu Ala Arg Phe Val Phe Thr Tyr Lys Gly Leu Arg Ala	
80 85 90	
Leu Gln Ser Tyr Ile Gln Gly Lys Thr Tyr Pro Ala His Ala Phe	
95 100 105	
Leu Ala Ala Phe Leu Gly Gly Ile Leu Val Phe Gly Glu Asn Asn	
110 115 120	
Asn Ile Asn Ser Gln Ile Asn Met Tyr Leu Leu Ser Arg Val Leu	
125 130 135	

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Leu Asn Val Gln Met Glu Tyr Leu Leu Gln Lys Ile Gln Glu Lys					
	230		235		240
Cys					

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<400> 9

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Pro	Asp	Phe	Tyr	Cys	Val	Lys	Trp	Ile	Pro	Trp	Lys	Gly	Glu	Gln
				20					25					30
Thr	Pro	Ile	Ile	Thr	Gln	Ser	Thr	Asn	Gly	Pro	Cys	Pro	Leu	Leu
				35					40					45
Ala	Ile	Met	Asn	Ile	Leu	Phe	Leu	Gln	Trp	Lys	Val	Lys	Leu	Pro
				50					55					60
Pro	Gln	Lys	Glu	Val	Ile	Thr	Ser	Asp	Glu	Leu	Met	Ala	His	Leu
				65					70					75
Gly	Asn	Cys	Leu	Leu	Ser	Ile	Lys	Pro	Gln	Glu	Lys	Ser	Glu	Gly
				80					85					90
Leu	Gln	Leu	Asn	Phe	Gln	Gln	Asn	Val	Asp	Asp	Ala	Met	Thr	Val
				95					100					105
Leu	Pro	Lys	Leu	Ala	Thr	Gly	Leu	Asp	Val	Asn	Val	Arg	Phe	Thr
				110					115					120
Gly	Val	Ser	Asp	Phe	Glu	Tyr	Thr	Pro	Glu	Cys	Ser	Val	Phe	Asp
				125					130					135
Leu	Leu	Gly	Ile	Pro	Leu	Tyr	His	Gly	Trp	Leu	Val	Asp	Pro	Gln
				140					145					150
Gln	Ser	Pro	Glu	Ala	Val	Arg	Ala	Val	Gly	Lys	Leu	Ser	Tyr	Asn
				155					160					165
Gln	Leu	Val	Glu	Arg	Ile	Ile	Thr	Cys	Lys	His	Ser	Ser	Asp	Thr
				170					175					180
Asn	Leu	Val	Thr	Glu	Gly	Leu	Ile	Ala	Glu	Gln	Phe	Leu	Glu	Thr
				185					190					195
Thr	Ala	Ala	Gln	Leu	Thr	Tyr	His	Gly	Leu	Cys	Glu	Leu	Thr	Ala
				200					205					210
Ala	Ala	Lys	Glu	Gly	Glu	Leu	Ser	Val	Phe	Phe	Arg	Asn	Asn	His
				215					220					225
Phe	Ser	Thr	Met	Thr	Lys	His	Lys	Ser	His	Leu	Tyr	Leu	Leu	Val
				230					235					240
Thr	Asp	Gln	Gly	Phe	Leu	Gln	Glu	Glu	Gln	Val	Val	Trp	Glu	Ser
				245					250					255
Leu	His	Asn	Val	Asp	Gly	Asp	Ser	Cys	Phe	Cys	Asp	Ser	Asp	Phe
				260					265					270

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His	Leu	Ser	His	Ser	Leu	Gly	Lys	Gly	Pro	Gly	Ala	Glu	Gly	Gly
				275					280					285
Ser	Gly	Ser	Pro	Glu	Lys	Gln	Leu	Gln	Val	Asp	Gln	Asp	Tyr	Leu
				290					295					300
Ile	Ala	Leu	Ser	Leu	Gln	Gln	Gln	Gln	Pro	Arg	Gly	Pro	Leu	Gly
				305					310					315
Leu	Thr	Asp	Leu	Glu	Leu	Ala	Gln	Gln	Leu	Gln	Gln	Glu	Glu	Tyr
				320					325					330
Gln	Gln	Gln	Gln	Ala	Ala	Gln	Pro	Val	Arg	Met	Arg	Thr	Arg	Val
				335					340					345
Leu	Ser	Leu	Gln	Gly	Arg	Gly	Ala	Thr	Ser	Gly	Arg	Pro	Ala	Gly
				350					355					360
Glu	Arg	Arg	Gln	Arg	Pro	Lys	His	Glu	Ser	Asp	Cys	Ile	Leu	Leu
				365					370					375

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 Leu Gln Asn Leu Ile Lys Arg Asp Pro Pro Ala Tyr Ile Glu Glu  
 20 25 30  
 Phe Leu Gln Gln Tyr Asn His Tyr Lys Ser Asn Val Glu Ile Phe  
 35 40 45  
 Lys Leu Gln Pro Asn Lys Pro Ser Lys Glu Leu Ala Glu Leu Val  
 50 55 60  
 Met Phe Met Ala Gln Ile Ser His Cys Tyr Pro Glu Tyr Leu Ser  
 65 70 75  
 Asn Phe Pro Gln Glu Val Lys Asp Leu Leu Ser Cys Asn His Thr  
 80 85 90  
 Val Leu Asp Pro Asp Leu Arg Met Thr Phe Cys Lys Ala Leu Ile  
 95 100 105  
 Leu Leu Arg Asn Lys Asn Leu Ile Asn Pro Ser Ser Leu Leu Glu  
 110 115 120  
 Leu Phe Phe Glu Leu Phe Arg Cys His Asp Lys Leu Leu Arg Lys  
 125 130 135  
 Thr Leu Tyr Thr His Ile Val Thr Asp Ile Lys Asn Ile Asn Ala  
 140 145 150  
 Lys His Lys Asn Asn Lys Val Asn Val Val Leu Gln Asn Phe Met  
 155 160 165  
 Tyr Thr Met Leu Arg Asp Ser Asn Ala Thr Ala Ala Lys Met Ser  
 170 175 180  
 Leu Asp Val Met Ile Glu Leu Tyr Arg Arg Asn Ile Trp Asn Asp  
 185 190 195

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[illegible][illegible]



PF-0695-2 CON

Lys	Met	Asp	Ser	Asp	Glu	Asp	Glu	Lys	Glu	Gly	Glu	Glu	Glu	Lys	35	40	45
Val	Ala	Lys	Arg	Lys	Ala	Ala	Val	Leu	Ser	Asp	Ser	Glu	Asp	Glu	50	55	60
Glu	Lys	Ala	Ser	Ala	Lys	Lys	Ser	Arg	Val	Val	Ser	Asp	Ala	Asp	65	70	75
Asp	Ser	Asp	Ser	Asp	Ala	Val	Ser	Asp	Lys	Ser	Gly	Lys	Arg	Glu	80	85	90
Lys	Thr	Ile	Ala	Ser	Asp	Ser	Glu	Glu	Glu	Ala	Gly	Lys	Glu	Leu	95	100	105
Ser	Asp	Lys	Lys	Asn	Glu	Glu	Lys	Asp	Leu	Phe	Gly	Ser	Asp	Ser	110	115	120
Glu	Ser	Gly	Asn	Glu	Glu	Glu	Asn	Leu	Ile	Ala	Asp	Ile	Phe	Gly	125	130	135
Glu	Ser	Gly	Asp	Glu	Glu	Glu	Glu	Glu	Phe	Thr	Gly	Phe	Asn	Gln	140	145	150
Glu	Asp	Leu	Glu	Glu	Glu	Lys	Gly	Glu	Thr	Gln	Val	Lys	Glu	Ala	155	160	165
Glu	Asp	Ser	Asp	Ser	Asp	Asp	Asn	Ile	Lys	Arg	Gly	Lys	His	Met	170	175	180
Asp	Phe	Leu	Ser	Asp	Phe	Glu	Met	Met	Leu	Gln	Arg	Lys	Lys	Ser	185	190	195
Met	Ser	Gly	Lys	Arg	Arg	Arg	Asn	Arg	Asp	Gly	Gly	Thr	Phe	Ile	200	205	210
Ser	Asp	Ala	Asp	Asp	Val	Val	Ser	Ala	Met	Ile	Val	Lys	Met	Asn	215	220	225
Glu	Ala	Ala	Glu	Glu	Asp	Arg	Gln	Leu	Asn	Asn	Gln	Lys	Lys	Pro	230	235	240
Ala	Leu	Lys	Lys	Leu	Thr	Leu	Leu	Pro	Ala	Val	Val	Met	His	Leu	245	250	255
Lys	Lys	Gln	Asp	Leu	Lys	Glu	Thr	Phe	Ile	Asp	Ser	Gly	Val	Met	260	265	270
Ser	Ala	Ile	Lys	Glu	Trp	Leu	Ser	Pro	Leu	Pro	Asp	Arg	Ser	Leu	275	280	285
Pro	Ala	Leu	Lys	Ile	Arg	Glu	Glu	Leu	Leu	Lys	Ile	Leu	Gln	Glu	290	295	300
Leu	Pro	Ser	Val	Ser	Gln	Glu	Thr	Leu	Lys	His	Ser	Gly	Ile	Gly	305	310	315
Arg	Ala	Val	Met	Tyr	Leu	Tyr	Lys	His	Pro	Lys	Glu	Ser	Arg	Ser	320	325	330
Asn	Lys	Asp	Met	Ala	Gly	Lys	Leu	Ile	Asn	Glu	Trp	Ser	Arg	Pro	335	340	345
Ile	Phe	Gly	Leu	Thr	Ser	Asn	Tyr	Lys	Gly	Met	Thr	Arg	Glu	Glu	350	355	360
Arg	Glu	Gln	Arg	Asp	Leu	Glu	Gln	Met	Pro	Gln	Arg	Arg	Arg	Met	365	370	375
Asn	Ser	Thr	Gly	Gly	Gln	Thr	Pro	Arg	Arg	Asp	Leu	Glu	Lys	Val	380	385	390
Leu	Thr	Gly	Glu	Glu	Lys	Ala	Leu	Arg	Pro	Gly	Asp	Pro	Gly	Phe	395	400	405
Cys	Ala	Arg	Ala	Arg	Val	Pro	Met	Pro	Ser	Asn	Lys	Asp	Tyr	Val	410	415	420
Val	Arg	Pro	Lys	Trp	Asn	Val	Glu	Met	Glu	Ser	Ser	Arg	Phe	Gln	425	430	435

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Ala	Thr	Ser	Lys	Lys	Gly	Ile	Ser	Arg	Leu	Asp	Lys	Gln	Met	Arg
				440					445					450
Lys	Phe	Thr	Asp	Ile	Arg	Lys	Lys	Ser	Arg	Ser	Ala	His	Ala	Val
				455					460					465
Lys	Ile	Ser	Ile	Glu	Gly	Asn	Lys	Met	Pro	Leu				
				470					475					

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<220>  
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<223> Incyte Clone 2472980

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Ser Ser Val Asn Thr Phe Gly Lys Leu Gly Cys Asp Leu Asp Met  
20 25 30  
Phe Leu Asp Leu Asp Glu Thr Arg Asn Leu Ser Ala His Lys Ile  
35 40 45  
Ser Gly Asn Phe Leu Met Glu Phe Gln Val Lys Asn Val Pro Ser  
50 55 60  
Glu Arg Ile Ala Thr Gln Lys Ile Leu Ser Val Leu Gly Glu Cys  
65 70 75  
Leu Asp His Phe Gly Pro Gly Cys Val Gly Val Gln Lys Ile Leu  
80 85 90  
Asn Ala Arg Cys Pro Leu Val Arg Phe Ser His Gln Ala Ser Gly  
95 100 105  
Phe Gln Cys Asp Leu Thr Thr Asn Asn Arg Ile Ala Leu Thr Ser  
110 115 120  
Ser Glu Leu Leu Tyr Ile Tyr Gly Ala Leu Asp Ser Arg Val Arg  
125 130 135  
Ala Leu Val Phe Ser Val Arg Cys Trp Ala Arg Ala His Ser Leu  
140 145 150  
Thr Ser Ser Ile Pro Gly Ala Trp Ile Thr Asn Phe Ser Leu Thr  
155 160 165  
Met Met Val Ile Phe Phe Leu Gln Arg Arg Ser Pro Pro Ile Leu  
170 175 180  
Pro Thr Leu Asp Ser Leu Lys Thr Leu Ala Asp Ala Glu Asp Lys  
185 190 195  
Cys Val Ile Glu Gly Asn Asn Cys Thr Phe Val Arg Asp Leu Ser  
200 205 210  
Arg Ile Lys Pro Ser Gln Asn Thr Glu Thr Leu Glu Leu Leu Leu  
215 220 225  
Lys Glu Phe Phe Glu Tyr Phe Gly Asn Phe Ala Phe Asp Lys Asn  
230 235 240  
Ser Ile Asn Ile Arg Gln Gly Arg Glu Gln Asn Lys Pro Asp Ser  
245 250 255

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Ser	Pro	Leu	Tyr	Ile	Gln	Asn	Pro	Phe	Glu	Thr	Ser	Leu	Asn	Ile
				260					265					270
Ser	Lys	Asn	Val	Ser	Gln	Ser	Gln	Leu	Gln	Lys	Phe	Val	Asp	Leu
				275					280					285
Ala	Arg	Glu	Ser	Ala	Trp	Ile	Leu	Gln	Gln	Glu	Asp	Thr	Asp	Arg
				290					295					300
Pro	Ser	Ile	Ser	Ser	Asn	Arg	Pro	Trp	Gly	Leu	Val	Ser	Leu	Leu
				305					310					315
Leu	Pro	Ser	Ala	Pro	Asn	Arg	Lys	Ser	Phe	Thr	Lys	Lys	Lys	Ser
				320					325					330
Asn	Lys	Phe	Ala	Ile	Glu	Thr	Val	Lys	Asn	Leu	Leu	Glu	Ser	Leu
				335					340					345
Lys	Gly	Asn	Arg	Thr	Glu	Asn	Phe	Thr	Lys	Thr	Ser	Gly	Lys	Arg
				350					355					360
Thr	Ile	Ser	Thr	Gln	Thr									
				365										

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Trp Pro Thr Ile Ser Leu Thr Ile Phe Thr Ala Val Asn Ser Ser  
20 25 30  
Gln Gly Gly Gly Leu Val Gln Arg Gln Leu Arg Phe His Asn Ser  
35 40 45  
His Arg Val Leu Cys Arg Arg Cys Pro Cys Pro Pro Thr Pro Ala  
50 55 60  
Trp Trp Glu Cys Asp Ala Arg Leu Leu Pro Pro Pro Trp Pro Pro  
65 70 75  
Val Pro Pro Ala Ser Thr Ser Pro Glu Ile Leu Pro Thr Pro His  
80 85 90  
Leu His Arg Ser Pro His Ala Pro Gly Ala Pro Lys Pro Pro Pro  
95 100 105  
Asn Pro Thr His Pro Gly Ala Gly Thr Gly Val Ser Glu Leu Ser  
110 115 120  
Gln Gly Pro Trp Glu Val Ala Gly Thr Gly Ala Ser Cys Ser Leu  
125 130 135  
Phe His Phe Pro Phe Arg Ile Trp Pro Gly Trp Arg Thr Gly Gln  
140 145 150  
Asp Gly

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<212> PRT  
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1 5 10 15  
Leu Arg Ser Leu Arg Lys Gly Pro Gly Leu Leu Ser Pro Pro Ser  
20 25 30  
Ala Ser Pro Val Pro Thr Pro Ala Val Ser Arg Thr Leu Leu Gly  
35 40 45  
Asn Phe Glu Glu Ser Leu Leu Arg Gly Arg Phe Ala Pro Ser Gly  
50 55 60  
His Ile Glu Gly Phe Thr Ala Glu Ile Gly Ala Ser Gly Ser Tyr  
65 70 75  
Cys Pro Gln His Val Thr Leu Pro Val Thr Val Thr Phe Phe Asp  
80 85 90  
Val Ser Glu Gln Asn Ala Pro Ala Pro Phe Leu Gly Ile Val Asp  
95 100 105  
Leu Asn Pro Leu Gly Arg Lys Gly Tyr Ser Val Pro Lys Val Gly  
110 115 120  
Thr Val Gln Val Thr Leu Phe Asn Pro Asn Gln Thr Val Val Lys  
125 130 135  
Met Phe Leu Val Thr Phe Asp Phe Ser Asp Met Pro Ala Ala His  
140 145 150  
Met Thr Phe Leu Arg His Arg Leu Phe Leu Val Pro Val Gly Glu  
155 160 165  
Glu Gly Asn Ala Asn Pro Thr His Arg Leu Leu Cys Tyr Leu Leu  
170 175 180  
His Leu Arg Phe Arg Ser Ser Arg Ser Gly Arg Leu Ser Leu His  
185 190 195  
Gly Asp Ile Arg Leu Leu Phe Ser Arg Arg Ser Leu Glu Leu Asp  
200 205 210  
Thr Gly Leu Pro Tyr Glu Leu Gln Ala Val Thr Glu Ala Pro His  
215 220 225  
Asn Pro Arg Tyr Ser Pro Leu Pro  
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<223> Incyte Clone 2805526



SECRET

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Tyr	Arg	Lys	Asn	Pro	Val	Gln	Glu	Gln	Thr	Tyr	Gln	His	Glu	Glu
				20					25					30
Asp	Glu	Glu	Asp	Phe	Tyr	Gln	Gly	Ser	Met	Glu	Cys	Ala	Asp	Glu
				35					40					45
Pro	Cys	Asp	Ala	Tyr	Glu	Val	Glu	Gln	Thr	Pro	Gln	Gly	Phe	Arg
				50					55					60
Ser	Thr	Leu	Arg	Ala	Pro	Ser	Leu	Leu	Tyr	Lys	His	Ile	Val	Gly
				65					70					75
Lys	Arg	Gly	Asp	Thr	Arg	Lys	Lys	Ile	Glu	Met	Glu	Thr	Lys	Thr
				80					85					90
Ser	Ile	Ser	Ile	Pro	Lys	Pro	Gly	Gln	Asp	Gly	Glu	Ile	Val	Ile
				95					100					105
Thr	Gly	Gln	His	Arg	Asn	Gly	Val	Ile	Ser	Ala	Arg	Thr	Arg	Ile
				110					115					120
Asp	Val	Leu	Leu	Asp	Thr	Phe	Arg	Arg	Lys	Gln	Pro	Phe	Thr	His
				125					130					135
Phe	Leu	Ala	Phe	Phe	Leu	Asn	Glu	Val	Glu	Val	Gln	Glu	Gly	Phe
				140					145					150
Leu	Arg	Phe	Gln	Glu	Glu	Val	Leu	Ala	Lys	Cys	Ser	Met	Asp	His
				155					160					165
Gly	Val	Asp	Ser	Ser	Ile	Phe	Gln	Asn	Pro	Lys	Lys	Leu	His	Leu
				170					175					180
Thr	Ile	Gly	Met	Leu	Val	Leu	Leu	Ser	Glu	Glu	Glu	Ile	Gln	Gln
				185					190					195
Thr	Cys	Glu	Met	Leu	Gln	Gln	Cys	Lys	Glu	Glu	Phe	Ile	Asn	Asp
				200					205					210
Ile	Ser	Gly	Gly	Lys	Pro	Leu	Glu	Val	Glu	Met	Ala	Gly	Ile	Glu
				215					220					225
Tyr	Met	Asn	Asp	Asp	Pro	Gly	Met	Val	Asp	Val	Leu	Tyr	Ala	Lys
				230					235					240
Val	His	Met	Lys	Asp	Gly	Ser	Asn	Arg	Leu	Gln	Glu	Leu	Val	Asp
				245					250					255
Arg	Val	Leu	Glu	Arg	Phe	Gln	Ala	Ser	Gly	Leu	Ile	Val	Lys	Glu
				260					265					270
Trp	Asn	Ser	Val	Lys	Leu	His	Ala	Thr	Val	Met	Asn	Thr	Leu	Phe
				275					280					285
Arg	Lys	Asp	Pro	Asn	Ala	Glu	Gly	Arg	Tyr	Asn	Leu	Tyr	Thr	Ala
				290					295					300
Glu	Gly	Lys	Tyr	Ile	Phe	Lys	Glu	Arg	Glu	Ser	Phe	Asp	Gly	Arg
				305					310					315
Asn	Ile	Leu	Lys	Leu	Phe	Glu	Asn	Phe	Tyr	Phe	Gly	Ser	Leu	Lys
				320					325					330
Leu	Asn	Ser	Ile	His	Ile	Ser	Gln	Arg	Phe	Thr	Val	Asp	Ser	Phe
				335					340					345
Gly	Asn	Tyr	Ala	Ser	Cys	Gly	Gln	Ile	Asp	Phe	Ser			
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17

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<211> 251

<212> PRT

<213> Homo sapiens

<220>

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<223> Incyte Clone 2850382

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Met Glu Pro Gly Glu Glu Leu Glu Glu Gly Ser Pro Gly Gly  
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20 25 30  
Ala Ala Asp Met Asp Pro Trp Leu Val Phe Asp Ala Arg Thr Thr  
35 40 45  
Pro Ala Thr Glu Leu Asp Ala Trp Leu Ala Lys Tyr Pro Pro Ser  
50 55 60  
Gln Val Thr Arg Tyr Gly Asp Pro Gly Ser Pro Asn Ser Glu Pro  
65 70 75  
Val Gly Trp Ile Ala Val Tyr Gly Gln Gly Tyr Ser Pro Asn Ser  
80 85 90  
Gly Asp Val Gln Gly Leu Gln Ala Ala Trp Glu Ala Leu Gln Thr  
95 100 105  
Ser Gly Arg Pro Ile Thr Pro Gly Thr Leu Arg Gln Leu Ala Ile  
110 115 120  
Thr His His Val Leu Ser Gly Lys Trp Leu Met His Leu Ala Pro  
125 130 135  
Gly Phe Lys Leu Asp His Ala Trp Ala Gly Ile Ala Arg Ala Val  
140 145 150  
Val Glu Gly Arg Leu Gln Val Ala Lys Val Ser Pro Arg Ala Lys  
155 160 165  
Glu Gly Gly Arg Gln Val Ile Cys Val Tyr Thr Asp Asp Phe Thr  
170 175 180  
Asp Arg Leu Gly Val Leu Glu Ala Asp Ser Ala Ile Arg Ala Ala  
185 190 195  
Gly Ile Lys Cys Leu Leu Thr Tyr Lys Pro Asp Val Tyr Thr Tyr  
200 205 210  
Leu Gly Ile Tyr Arg Ala Asn Arg Trp His Leu Cys Pro Thr Leu  
215 220 225  
Tyr Glu Ser Arg Phe Gln Leu Gly Gly Ser Ala Arg Gly Ser Arg  
230 235 240  
Val Leu Asp Arg Ala Asn Asn Val Glu Leu Thr  
245 250

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Pro Ser Pro Ser	Lys Thr Ser Leu Pro	Leu Ser Pro Val Lys	Thr		
	200		205		210
Ala Pro Leu Phe	Ser Asn Asp Arg Leu	Lys Asp Gly Leu Cys	Leu		
	215		220		225
Ser Glu Ser Glu	Thr Val Asn Lys Glu	Arg Ala Asn Ser Tyr	Lys		
	230		235		240
Asn Pro Arg Thr	Gln Asp Leu Thr Ala	Lys Leu Arg Lys Ala	Val		
	245		250		255
Glu Lys Gly Glu	Glu Asp Thr Phe Ser	Asp Leu Ile Trp Ser	Asn		
	260		265		270
Pro Arg Tyr Leu	Ile Gly Ser Gly Asp	Asn Pro Thr Ile Val	Gln		
	275		280		285
Glu Gly Cys Arg	Tyr Asn Val Met His	Val Ala Ala Lys Glu	Asn		
	290		295		300
Gln Ala Ser Ile	Cys Gln Leu Thr Leu	Asp Val Leu Glu Asn	Pro		
	305		310		315
Asp Phe Met Arg	Leu Met Tyr Pro Asp	Asp Asp Glu Ala Met	Leu		
	320		325		330
Gln Lys Arg Ile	Arg Tyr Val Val Asp	Leu Tyr Leu Asn Thr	Pro		
	335		340		345
Asp Lys Met Gly	Tyr Asp Thr Pro Leu	His Phe Ala Cys Lys	Phe		
	350		355		360
Gly Asn Ala Asp	Val Val Asn Val Leu	Ser Ser His His Leu	Ile		
	365		370		375
Val Lys Asn Ser	Arg Asn Lys Tyr Asp	Lys Thr Pro Glu Asp	Val		
	380		385		390
Ile Cys Glu Arg	Ser Lys Asn Lys Ser	Val Glu Leu Lys Glu	Arg		
	395		400		405
Ile Arg Glu Tyr	Leu Lys Gly His Tyr	Tyr Val Pro Leu Leu	Arg		
	410		415		420
Ala Glu Glu Thr	Ser Ser Pro Val Ile	Gly Glu Leu Trp Ser	Pro		
	425		430		435
Asp Gln Thr Ala	Glu Ala Ser His Val	Ser Arg Tyr Gly Gly	Ser		
	440		445		450
Pro Arg Asp Pro	Val Leu Thr Leu Arg	Ala Phe Ala Gly Pro	Leu		
	455		460		465
Ser Pro Ala Lys	Ala Glu Asp Phe Arg	Lys Leu Trp Lys Thr	Pro		
	470		475		480
Pro Arg Glu Lys	Ala Gly Phe Leu His	His Val Lys Lys Ser	Asp		
	485		490		495
Pro Glu Arg Gly	Phe Glu Arg Val Gly	Arg Glu Leu Ala His	Glu		
	500		505		510
Leu Gly Tyr Pro	Trp Val Glu Tyr Trp	Glu Phe Leu Gly Cys	Phe		
	515		520		525
Val Asp Leu Ser	Ser Gln Glu Gly Leu	Gln Arg Leu Glu Glu	Tyr		
	530		535		540
Leu Thr Gln Gln	Glu Ile Gly Lys Lys	Ala Gln Gln Glu Thr	Gly		
	545		550		555
Glu Arg Glu Ala	Ser Cys Arg Asp Lys	Ala Thr Thr Ser Gly	Ser		
	560		565		570
Asn Ser Ile Ser	Val Arg Ala Phe Leu	Asp Glu Asp Asp Met	Ser		

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	575		580		585
Leu Glu Glu Ile	Lys Asn Arg Gln Asn	Ala Ala Arg Asn Asn	Ser		
	590		595		600
Pro Pro Thr Val	Gly Ala Phe Gly His	Thr Arg Cys Ser Ala	Phe		
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Pro Leu Glu Gln	Glu Ala Asp Leu Ile	Glu Ala Ala Glu Pro	Gly		
	620		625		630
Gly Pro His Ser	Ser Arg Asn Gly Leu	Cys His Pro Leu Asn	His		
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Ser Arg Thr Leu	Ala Gly Lys Arg Pro	Lys Ala Pro Arg Gly	Glu		
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Glu Ala His Leu	Pro Pro Val Ser Asp	Leu Thr Val Glu Phe	Asp		
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Lys Leu Asn Leu	Gln Asn Ile Gly Arg	Ser Val Ser Lys Thr	Pro		
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Asp Glu Ser Thr	Lys Thr Lys Asp Gln	Ile Leu Thr Ser Arg	Ile		
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Asn Ala Val Glu	Arg Asp Leu Leu Glu	Pro Ser Pro Ala Asp	Gln		
	710		715		720
Leu Gly Asn Gly	His Arg Arg Thr Glu	Ser Glu Met Ser Ala	Arg		
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Ile Ala Lys Met	Ser Leu Ser Pro Ser	Ser Pro Arg His Glu	Asp		
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Gln Leu Glu Val	Thr Arg Glu Pro Ala	Arg Arg Leu Phe Leu	Phe		
	755		760		765
Gly Glu Glu Pro	Ser Lys Leu Asp Gln	Asp Val Leu Ala Ala	Leu		
	770		775		780
Glu Cys Ala Asp	Val Asp Pro His Gln	Phe Pro Ala Val His	Arg		
	785		790		795
Trp Lys Ser Ala	Val Leu Cys Tyr Ser	Pro Ser Asp Arg Gln	Ser		
	800		805		810
Trp Pro Ser Pro	Ala Val Lys Gly Arg	Phe Lys Ser Gln Leu	Pro		
	815		820		825
Asp Leu Ser Gly	Pro His Ser Tyr Ser	Pro Gly Arg Asn Ser	Val		
	830		835		840
Ala Gly Ser Asn	Pro Ala Lys Pro Gly	Leu Gly Ser Pro Gly	Arg		
	845		850		855
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 <213> Homo sapiens

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 <223> Incyte Clone 3039890

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<400> 20

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Gln	Val	Glu	Gly	Val	Phe	Tyr	Val	Asn	Asp	Ala	Leu	Glu	Lys	Leu
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Met	Phe	Glu	Glu	Leu	Arg	Asn	Ala	Cys	Arg	Gly	Gly	Gly	Val	Gly
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Gly	Phe	Leu	Pro	Ala	Met	Lys	Gln	Ile	Gly	Asn	Val	Ala	Ala	Leu
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Pro	Gly	Ile	Val	His	Arg	Ser	Ile	Gly	Leu	Pro	Asp	Val	His	Ser
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Gly	Tyr	Gly	Phe	Ala	Ile	Gly	Asn	Met	Ala	Ala	Phe	Asp	Met	Asn
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Asp	Pro	Glu	Ala	Val	Val	Ser	Pro	Gly	Gly	Val	Gly	Phe	Asp	Ile
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Asn	Cys	Gly	Val	Arg	Leu	Leu	Arg	Thr	Asn	Leu	Asp	Glu	Ser	Asp
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Val	Gln	Pro	Val	Lys	Glu	Gln	Leu	Ala	Gln	Ala	Met	Phe	Asp	His
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Ile	Pro	Val	Gly	Val	Gly	Ser	Lys	Gly	Val	Ile	Pro	Met	Asn	Ala
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Lys	Asp	Leu	Glu	Glu	Ala	Leu	Glu	Met	Gly	Val	Asp	Trp	Ser	Leu
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Arg	Glu	Gly	Tyr	Ala	Trp	Ala	Glu	Asp	Lys	Glu	His	Cys	Glu	Glu
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Tyr	Gly	Arg	Met	Leu	Gln	Ala	Asp	Pro	Asn	Lys	Val	Ser	Ala	Arg
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Ala	Lys	Lys	Arg	Gly	Leu	Pro	Gln	Leu	Gly	Thr	Leu	Gly	Ala	Gly
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Asn	His	Tyr	Ala	Glu	Ile	Gln	Val	Val	Asp	Glu	Ile	Phe	Asn	Glu
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Tyr	Ala	Ala	Lys	Lys	Met	Gly	Ile	Asp	His	Lys	Gly	Gln	Val	Cys
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Val	Met	Ile	His	Ser	Gly	Ser	Arg	Gly	Leu	Gly	His	Gln	Val	Ala
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Thr	Asp	Ala	Leu	Val	Ala	Met	Glu	Lys	Ala	Met	Lys	Arg	Asp	Lys
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Ile	Ile	Val	Asn	Asp	Arg	Gln	Leu	Ala	Cys	Ala	Arg	Ile	Ala	Ser
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Pro	Glu	Gly	Gln	Asp	Tyr	Leu	Lys	Gly	Met	Ala	Ala	Ala	Gly	Asn
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Tyr	Ala	Trp	Val	Asn	Arg	Ser	Ser	Met	Thr	Phe	Leu	Thr	Arg	Gln
				320					325					330
Ala	Phe	Ala	Lys	Val	Phe	Asn	Thr	Thr	Pro	Asp	Asp	Leu	Asp	Leu
				335					340					345
His	Val	Ile	Tyr	Asp	Val	Ser	His	Asn	Ile	Ala	Lys	Val	Glu	Gln
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His	Val	Val	Asp	Gly	Lys	Glu	Arg	Thr	Leu	Leu	Val	His	Arg	Lys
				365					370					375
Gly	Ser	Thr	Arg	Ala	Phe	Pro	Pro	His	His	Pro	Leu	Ile	Ala	Val
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Asp	Tyr	Gln	Leu	Thr	Gly	Gln	Pro	Val	Leu	Ile	Gly	Gly	Thr	Met

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	395		400		405
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Arg Ala Lys Ser	Arg Arg Asn Leu Asp Phe Gln Asp Val Leu Asp				
	440		445		450
Lys Leu Ala Asp	Met Gly Ile Ala Ile Arg Val Ala Ser Pro Lys				
	455		460		465
Leu Val Met Glu	Glu Ala Pro Glu Ser Tyr Lys Asn Val Thr Asp				
	470		475		480
Val Val Asn Thr	Cys His Asp Ala Gly Ile Ser Lys Lys Ala Ile				
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<213> Homo sapiens

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<221> misc\_feature  
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<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
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<212> DNA  
<213> Homo sapiens

<220>  
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<212> DNA  
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<220>

<221> misc\_feature

<223> Incyte Clone 1928920

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PF-0695-2 CON

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PF-0695-2 CON

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PF-0695-2 CON

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<223> Incyte Clone 2303457

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&lt;210&gt; 32

&lt;211&gt; 1888

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte Clone 2416366

&lt;400&gt; 32

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1888

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<220>  
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